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NameSept 15/04
Date**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventors: M.K. Carpenter et al.

Art Unit: 1632

Filing Date: March 1, 2002

Examiner: Thái-An N. Ton, Ph.D.

Serial No: 10/087,473

Docket: 090/003c

Title: DIRECT DIFFERENTIATION OF HUMAN
PLURIPOTENT STEM CELLS AND
CHARACTERIZATION OF
DIFFERENTIATED CELLS

**AMENDMENT AND RESPONSE TO OFFICE ACTION
UNDER 37 CFR § 1.111**

Commissioner for Patents
Alexandria VA 22313

Dear Sir,

This paper is responsive to the most recent Office Action on the merits, dated May 4, 2004 ,
for which a response is due August 4, 2004. Accompanying this response is a Request for a two
month time extension. This sets the deadline to October 4, 2004. Accordingly, this paper is timely
filed.

Applicant has given careful consideration to the analysis in the Office Action. Please enter the
following amendments and remarks.